

Homeostasis

Sr	Questions	Answers Choice
1	In an adult man the average urine formation in a day is.	A. 4 litre B. 1.3 litre C. 1.4 litre D. 3 litre
2	Amount of Urea in normal chemical composition is.	A. 9.3 g/l B. 1.87 g/l C. 1.17 g/l D. 0.75 g/l
3	What is the function of the ureter?	A. To store urine. B. To carry urine from the kidney to the bladder C. To carry urine out of the body D. To remove waste from the blood
4	The process which maintain the internal condition of body at equilibrium despite changes in the external environment is called.	A. Homeostasis B. Excretion C. Absorption D. Tubular Secretion
5	During peritoneal dialysis, the waste materials move from:	A. The abdomen to the dialysis fluid B. The dialysis fluid to the peritoneum blood vessels. C. The peritoneum blood vessels to the dialysis fluid D. The dialysis fluid to the abdomen.
6	Urine contains the least amount of.	A. Urea B. Sodium Ions C. Water D. Potassium Ion
7	The regulation of blood glucose levels by insulin and glucagon is an example of which type of homeostatic control?	A. Thermoregulation B. Osmoregulation C. Chemical regulation D. Pressure regulation
8	Besides protecting the body, the skin contributes to homeostasis primarily through which of these functions?	A. Producing digestive enzymes B. Regulating blood glucose levels C. Excreting excess salts and water through sweat D. Filtering toxins directly from the blood
9	Core temperature of human body remains at about.	A. 35 ^o C B. 36 ^o C C. 34 ^o C D. 37 ^o C
10	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
11	Plays role in maintaining body temperature.	A. Lungs B. Skin C. Kidneys D. Ear
12	Cacti are example of:	A. Hydrophytes B. Xerophytes C. Halophytes D. None of these
13	The example mucilage excreting plant is:	A. keekar B. rubber C. conifers D. lady finger
14	How do plants get rid of accumulated metabolic waste products like calcium oxalate crystals, especially in deciduous trees?	A. Through root exudates. B. By storing them in fruits. C. By shedding leaves in autumn. D. Through stomatal pores.

15	The chemical composition of glomerulus filtrate is:	A. Water + salts + glucose + urea B. salts + glucose + blood cells C. blood cells + proteins + water D. glucose + urea + proteins + water
16	Maintenance of balance in the amounts of water minerals, temperature and glucose in body is called.	A. Excretion B. Tubular secretion C. Homeostasis D. Reabsorption
17	Functional unit of kidney is.	A. Nerve B. Neuron C. Nephron D. Dendrites
18	Kidney stones are primarily formed by the accumulation of which substances in the kidneys?	A. Proteins and fats B. Salts of calcium oxalate and uric acid C. Sugars and carbohydrates D. Vitamins and essential amino acids
19	What is the primary definition of homeostasis in biology?	A. The process of growth and development in an organism. B. The maintenance of a stable internal environment despite changes in the external environment. C. The breakdown of complex food molecules into simpler ones. D. The transmission of genetic information from parents to offspring.
20	Which tube carries urine from the kidney to the urinary bladder?	A. Urethra B. Ureter C. Renal artery D. Renal vein